

Weekly Metrics for June 1 - 7, 2003

Mission (Launch Date)	Instrument	Category	Data Center	RQMTS (GB)	Requirements * Multiplier	Actual (GB)	Footnote
SORCE (1/03)	TIM/SIM/ SOLSTICE/ XPS	L0 Ingest Archive	GES DAAC	0.9	1x Baseline	1.0	A
			GES DAAC	0.9	1x Baseline	1.0	A
ICESat (1/03)	GLAS	L0 Ingest Archive	NSIDC	41	1x Baseline	16	W
			NSIDC	41	1x Baseline	16	W
Aqua (5/02)	AIRS/ AMSU/ HSB	L0 Ingest	GES DAAC	98	1x Baseline	105	
		L1 Prod	GES DAAC	807	Various	359	U
		L2 - 3 Prod	GES DAAC	107	2.03x Baseline	71	U
		Archive	GES DAAC	1,012	Various	535	U
		Distribution	GES DAAC				
		Testing/QA		99	IT Requirements	0	
		Production				100	
		End users		471	Various	1	G
		Data Pool				745	V
	AMSR-E	L0 Ingest	NSIDC	10	1x Baseline	6	B
		L1 Ingest	NSIDC	9	Various	0	B, C
		L2-L3 Prod	GHRC	38	2.03x Baseline	0	C
		Archive	NSIDC	67	Baseline	6	C
		Distribution	NSIDC				
		Production				7	
		End Users		35	1.015x Baseline	0.1	C, G
	CERES	Archive	ASDC	169	Various	Included	
		Distribution	ASDC			In	
		Testing/QA		1,421	IT Requirements	Terra	See
		End Users		109	1.015x Baseline	CERES	Footnote S
	MODIS	L0 Ingest	GES DAAC	518	1x Baseline	542	
		L1 Prod	GES DAAC	5,047	Various	2,327	M
		L2-L4 Prod	MODAPS	6,395	2.03x Baseline	3,662	M, R
		Archive	LP DAAC	3,516	Various	2,434	M, R
			GES DAAC	8,015	Various	4,014	M, R
			NSIDC	426	Various	82	M, R
		Distribution	GES DAAC				
		Testing/QA		362	IT Requirements	399	
METEOR 3M (12/01)	SAGE III	Archive	ASDC	0.9	Various	0	D
		Distribution	ASDC				
		Production				1.5	
ACRIMSAT (12/99)	ACRIM 3	Archive		0.02	1.015x Baseline	0.5	
		End Users	ASDC	1	1x Baseline	0	D
	ASTER	Archive					
		L1A Ingest	LP DAAC	680	1x Baseline	411	E
		L1B Ingest	LP DAAC	271	1.015 Baseline	99	E
		L2-L3 Prod	LP DAAC	1,221	3.045x Baseline	255	E
		Archive	LP DAAC	2,173	Various	772	E
		Distribution	LP DAAC				
		End Users		1,221	1.015x Baseline	1,271	G, O, P
	CERES	Archive	ASDC	357	Various	351	S
		Distribution	ASDC				
		Testing/QA		1,421	IT Requirements	683	
	MISR	Archive		119	1.015x Baseline	216	G, O
		L0 Ingest	ASDC	249	1x Baseline	248	

Terra (12/99)		L1 Prod L2-L3 Prod Archive Distribution <i>Testing/QA</i> <i>Production</i> <i>End Users</i>	ASDC ASDC ASDC ASDC	3,359 285 3,894 137 1,215	Various 3.045x Baseline Various IT Requirements 1.015x Baseline	4,301 318 4,868 1 1,717 2,349	F F F G, O
	MODIS	L0 Ingest L1 Prod L2-L4 Prod Archive Distribution <i>End Users</i> Distribution <i>Testing/QA</i> <i>To MODAPS/LaRC</i> <i>End users</i> <i>Data Pool</i> Distribution <i>End Users</i> Distribution <i>End Users</i>	GES DAAC GES DAAC MODAPS LP DAAC GES DAAC PO DAAC NSIDC LP DAAC GES DAAC PO DAAC NSIDC	518 7,570 12,789 7,034 12,990 0 853 2,345 362 4,157 0 284	1x Baseline Various 3.045x Baseline Various (L2-L4) Various (L0-L4) Various (L2-L3) Various (L2-L3) 1.015x Baseline IT Requirements 1.015x Baseline Baseline 1x Baseline	574 3,883 10,017 7,982 6,183 19 316 1,172 615 7,985 1,187 210 4 191	M Q, T I, Q I, Q G, O G V G, O
	MOPITT	L0 Ingest L1 Prod L2 Prod Archive Distribution <i>Production</i> <i>End Users</i>	ASDC SIPS SIPS ASDC ASDC	2 2 2 6 1	1x Baseline Various 3.045x Baseline Various 1.015x Baseline	2 3 11 16 5 14	 J J G, O
	Landsat-7 (4/99)	ETM+ Archive Distribution	LP DAAC LP DAAC	1,092 58	250 Scenes ECS ICD	665 75	X
	Jason-1 (12/01)	Poseidon 2 Archive (L0+) Distribution	PO DAAC PO DAAC	NA	NA	2 9	K
	QuikScat (6/99)	SeaWinds Archive (L0+) Distribution	PO DAAC PO DAAC	109	Weekly Average	41 356	K
	TOPEX (8/92)	Poseidon Archive (L1+) Distribution	PO DAAC PO DAAC	24	Weekly Average	0 94	K
	Other Missions	AVHRR Archive (L2+) Distribution	PO DAAC PO DAAC	NA	NA	0 218	L

Notes:

- Required and actual data volumes are for L0 products only. Higher-level product has not been produced yet.
- The actual L0 data rate from AMSR-E is 6.6 GB/week. This is lower than ESDIS baseline requirement. Updating of the baselined requirement is in process.
- Regular delivery of AMSR-E data to US science team is expected to occur around Mid-June (target date is June 11, 2003).
- Data from this instrument is not transmitted to DAAC daily.
- Volumes of ASTER L1A and L1B products are a function of production at ERSDAC in Japan. L1A and L1B volumes include the expedited data sets generated at LP DAAC. ASTER L2 products are produced on demand, and the actual volumes may be significantly different from requirements.
- Includes the reprocessed data, in addition to the current data.
- Distribution requirements represent the delivered capacity for distribution. Because distribution is based on user orders, the actual distribution volumes may be significantly different from the available capacity.
- Ingest/archival of MODIS L2+ products is dependent on MODAPS reprocessing schedule.
- Includes reprocessed L2 products received from MOPITT SIPS.
- Distribution requirements are weekly averages of media distribution volumes based on subscriptions for a full year.
- Includes distribution of educational materials, in addition to AVHRR SST products.

- M. Very little reprocessing was done during this reporting period.
- N. Does not include distribution by subsetting tool.
- O. Does not include distribution by data pool.
- P. Orders have decreased sharply with the advent of charging for low-level ASTER data.
- Q. Values reported here represent what have been archived at DAACs. MODAPS production may be higher.
- R. Ingest/archival of MODIS L2+ products are dependent on MODAPS processing schedule.
- S. Actual archival volume represents a total for 3 missions (TRMM, Terra, and Aqua).
- T. With the completion of the reprocessing of ocean products, only atmospheric and land products were reprocessed.
- U. HSB is still in survival mode. The requirements for AIRS/AMSU/HSB include the estimates for reprocessing, but reprocessing hasn't started yet.
- V. Total amount of data distributed through Data Pool. Due to unavailability of user characteristics, further breakdown by user category (e.g., data producers, end users) is not possible at this time.
- W. Laser #1 was shut down on March 19. The replacement laser is not expected to be turned on until mid-June and science data won't be available to users until September 2003.
- X. Landsat-7 scan line corrector failed on May 31. No data will be ingested and archived until the problem is fixed.

* Baseline requirements refer to the May 2003 EOSDIS technical baseline. The QA requirements for distribution are the Level 2 requirements based on inputs from instrument teams (ITs). The requirements multipliers are ramp-up factors to account for forward processing and reprocessing. They varies, depending on processing level and launch date. Ramp-up factors used in this table are:

Processing Level	1 st year after launch	2 nd year	Launch+2 or more year
L0	1	1	1
L1A	1	2	3
L1B	1.015	2x1.015	3x1.015
L2-4	0.5*1.015	1.5*1.015	3*1.015

Please note that browse data volumes for L1B-L4 products are assumed to be 1.5% of product volumes.